

Fig. 2

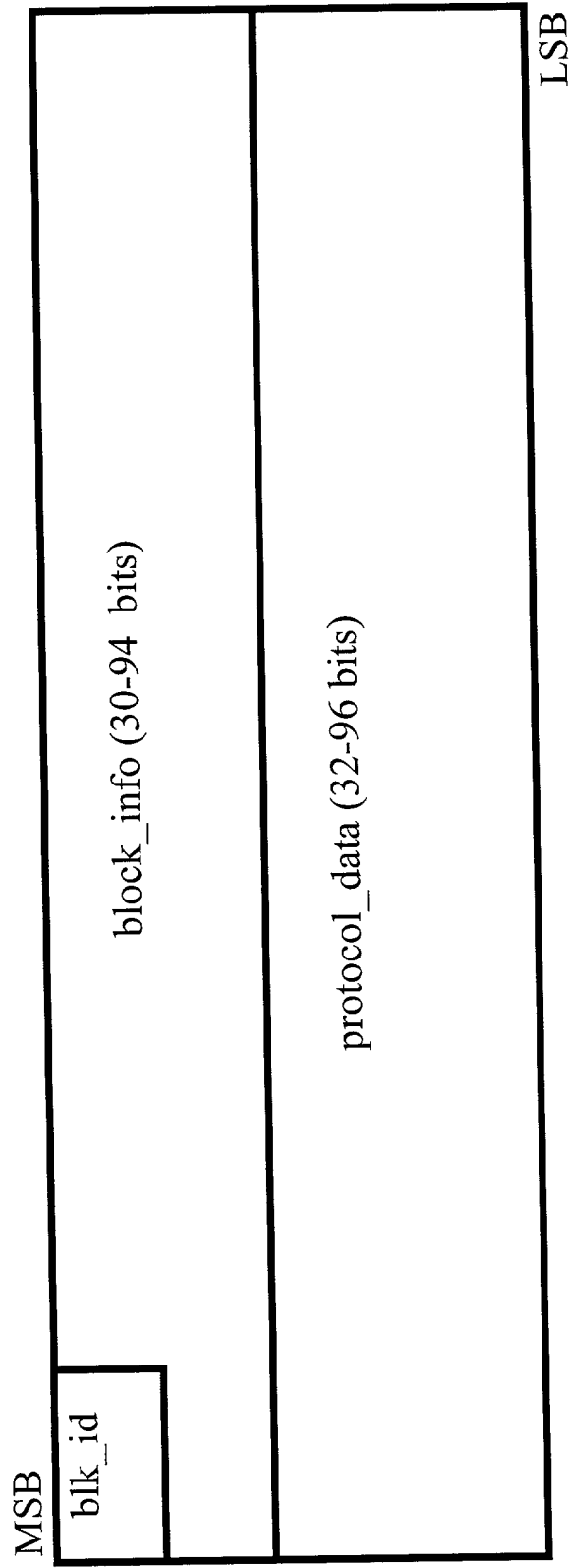


Fig. 3A

Code (bin)	Label (blk_id)	Comment
11	BLOCK_ONE	Data bytes in this block are the first in a packet, following a valid SDP or SLP control symbol.
10	BLOCK_MIDDLE	Data bytes in this block are the middle of a packet. Zero or more of this Block may appear contiguously, to accommodate the packet size.
01	BLOCK_LAST	Data bytes in this block are the last in a packet, and were followed by a valid EGP or EBP control symbol.
00	Undefined	

Fig. 3B

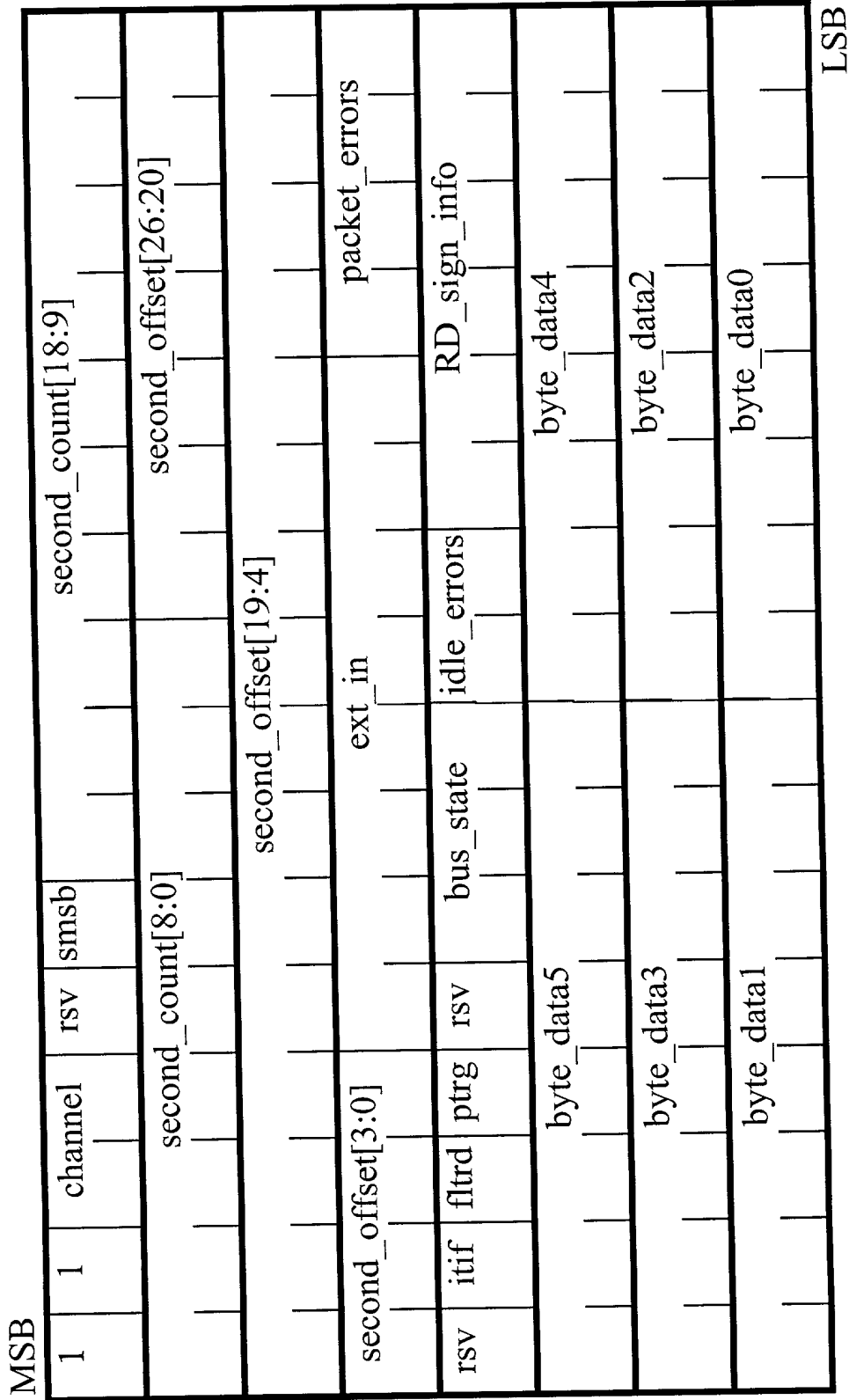


Fig. 3C

Bit Num	Label	Definition
3	END_BAD	When set this bit signifies this packet has had some error in it, notified by a EBP symbol that has arrived at the packet's end. When cleared the packet is good, notified by a EGP symbol that has arrived at the packet's end.
2	DELIMITER_ERROR	When set indicates a sequence error in the packet delimiters SDP, SLP, EGP, and EBP. The start delimiters SDP & SLP must be followed by an end delimiter EGP or EBP. This error indicates two start delimiters were received causing a sequence error.
1	SYMBOL_ERROR	When set indicates an error has been encountered in symbol integrity. This can happen if any 10-bit symbol received is not one of the legal 10-bit encoding for the type of data expected. Once this error is encountered, no more bytes will be written to recording memory until a new, valid SDP or SLP is received. Symbol error in this Block means the data in this Block is not valid.
0	ALIGNMENT_ERROR	When set, indicates an error has been encountered in the 16-bit data alignment. While IB packets must be 32-bit aligned only 16-bit word alignment is check by hardware. This is because packet delimiters are discarded and recorded packets normally end not 32-bit aligned.

Fig. 3D

Code (bin)	Label	Comment
000	DATA_PACKET	Determined by the SDP control symbol received before the packet
001	LINK_PACKET	Determined by the SLP control symbol received before the packet
010	ORDERED_SET	Defined as a COM control symbol followed by one of the valid bytes for a Training Sequence Ordered-Set (will not include any SKIP Ordered-Set)
011	Reserved	Reserved for future use
100	DISCONNECT	Link disconnect event, no data is recorded
101	CONNECT	Link connect event, no data is recorded
110	Reserved	Reserved for future use
111	Undefined	

Fig. 3E

Code (bin)	Label (most severe first)	Definition
01	SYMBOL_ERROR	When set indicates an error has been encountered in symbol integrity. This can happen if any 10-bit symbol received is not one of the legal 10-bit encoding for the type of data expected.
10	DISPARITY_ERROR	When set indicates a running disparity error occurred in the idle codes.
11	SKIP_ERROR	When set indicates a skip ordered set error occurred in the idle between packets. A skip sequence has either not been received on time (too early or too late), or an incorrect length skip sequence has been received.
00	NO_ERROR	No error in the idle between packets.

Fig. 3F

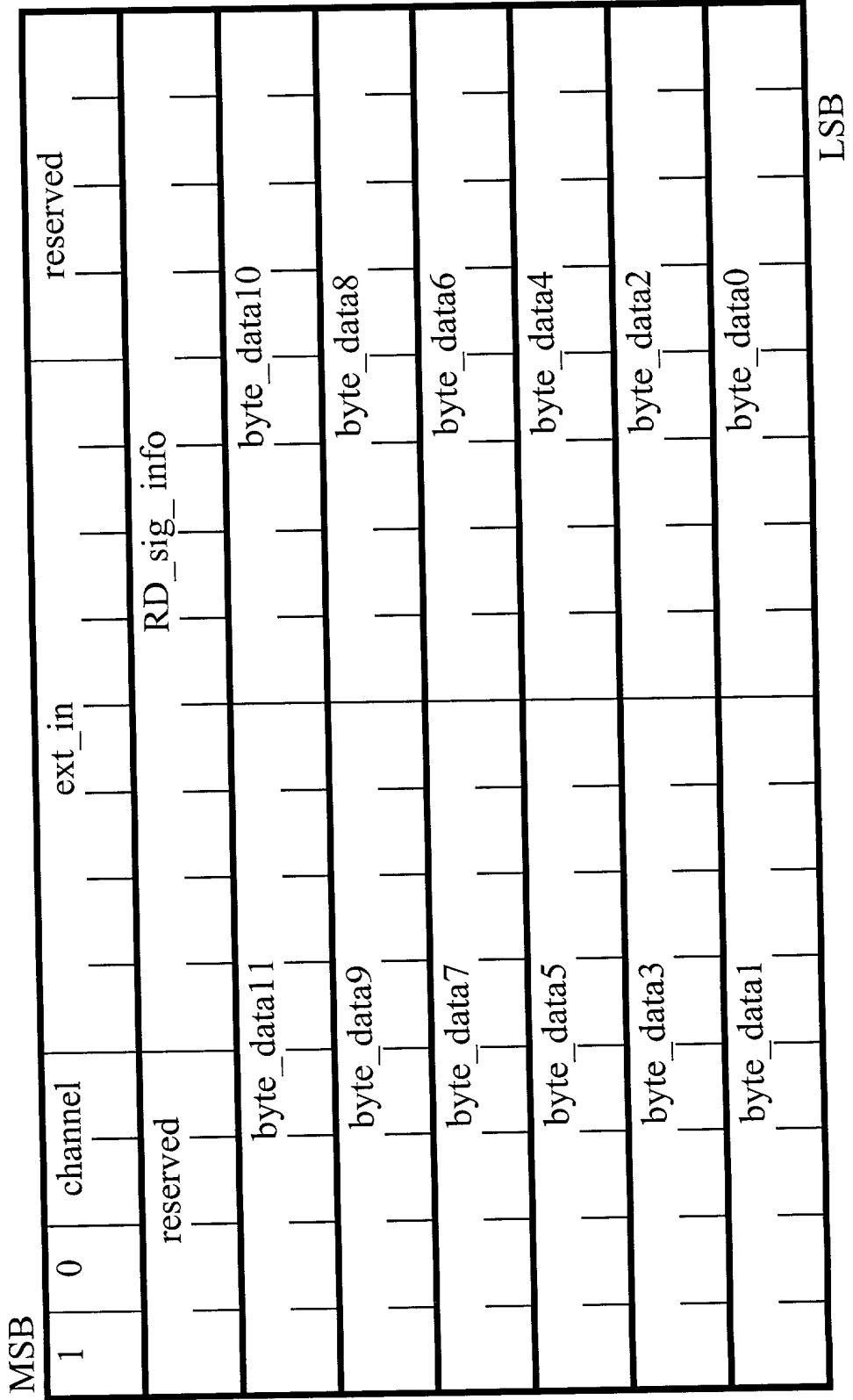


Fig. 3G

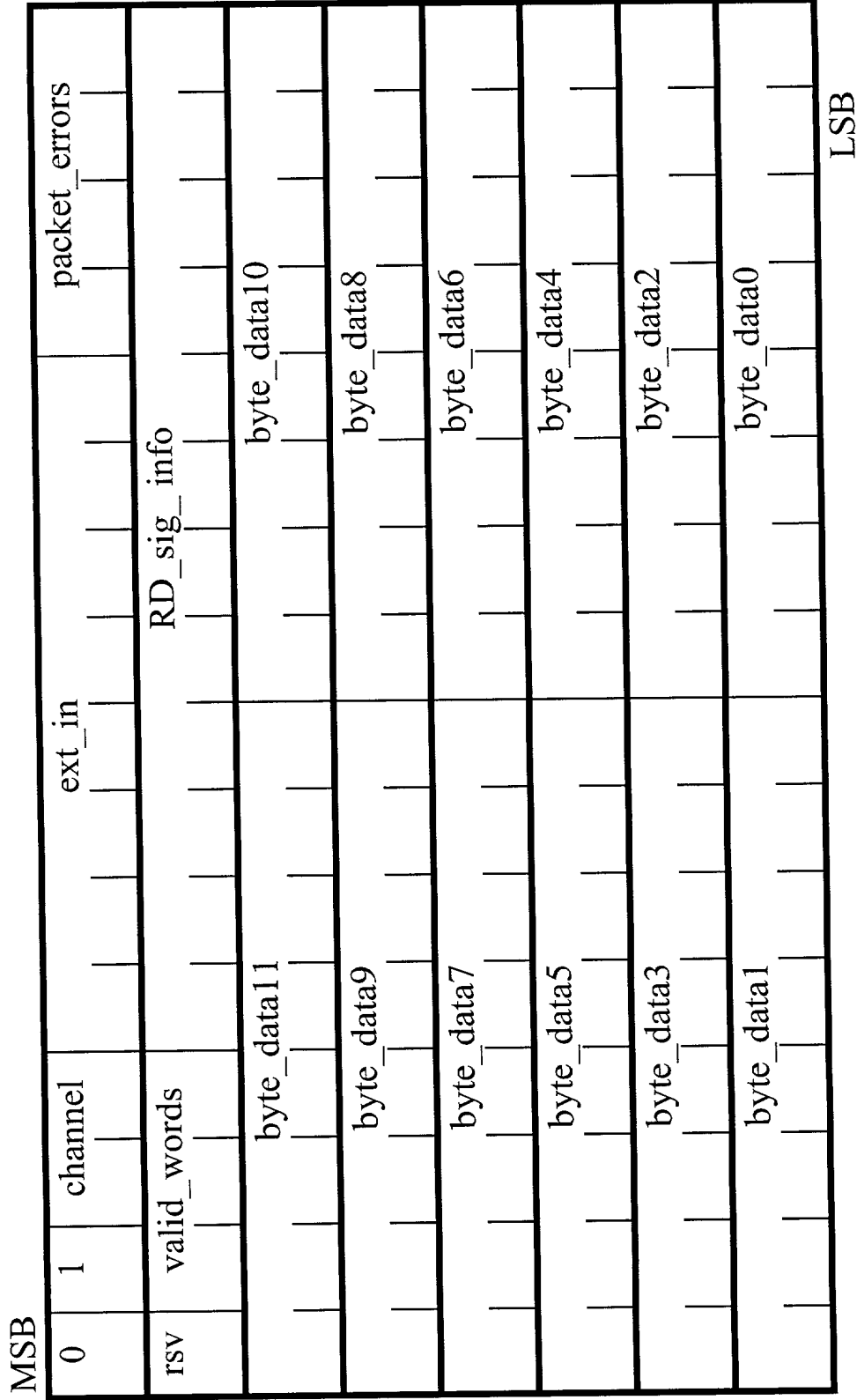


Fig. 3H

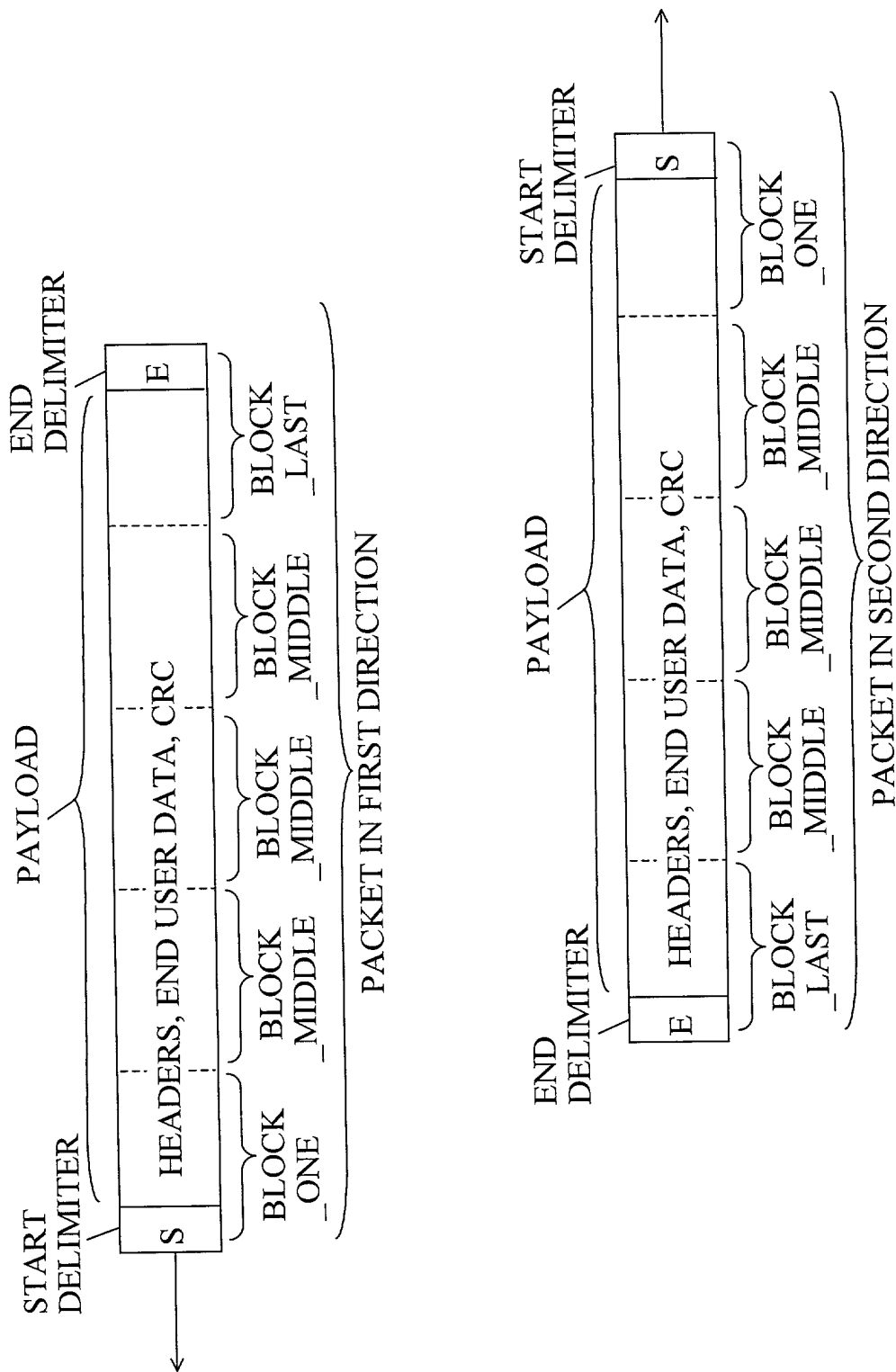


Fig. 4

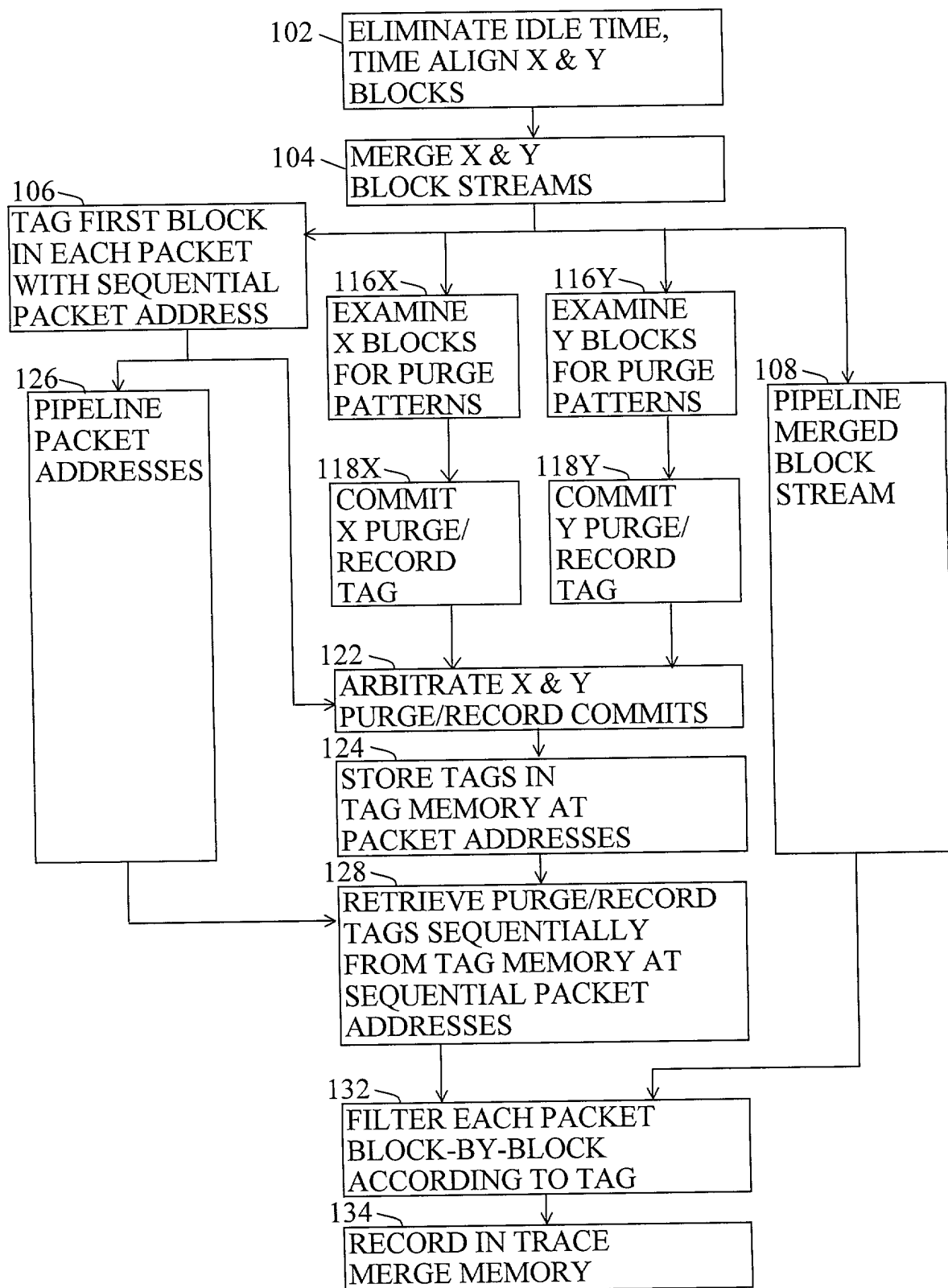


Fig. 5

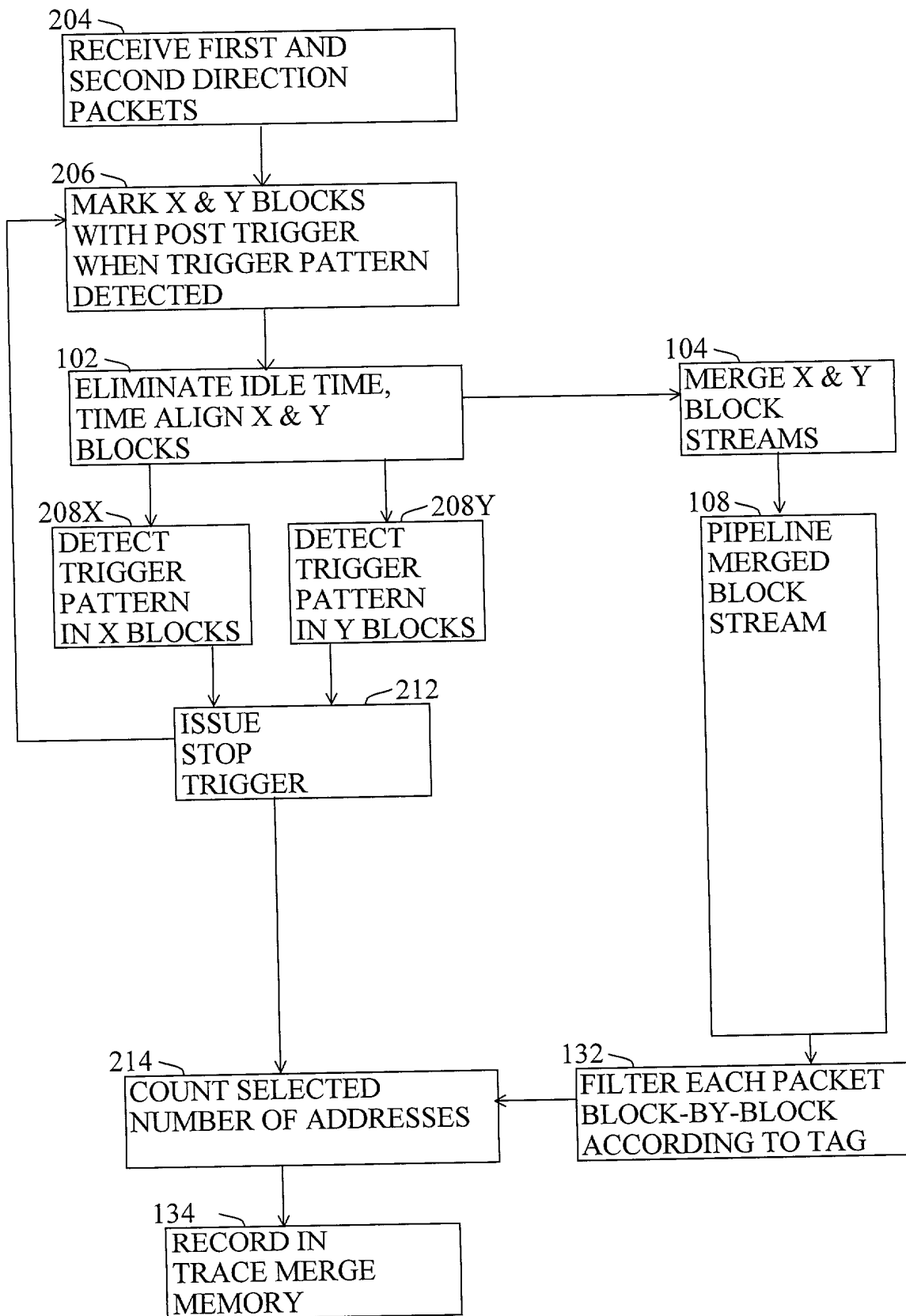


Fig. 6